

# **ImpactTN: Using and Analyzing ImpactTN Data Session Two**

## **User's Manual**

*July 2017*

## ImpactTN

At the start of the 2015-16 school year, the Tennessee Department of Education in *Tennessee Succeeds* laid out goals for Tennessee's students and what it will take to reach them. The four big goals for our students include:

1. Tennessee will rank in the top half of states on the National Assessment of Educational Progress (NAEP) by 2019.
2. Seventy-five percent of Tennessee third graders will be proficient in reading by 2025.
3. The average ACT composite score in Tennessee will be a 21 by 2020.
4. The majority of high school graduates from the class of 2020 will earn a postsecondary certificate, diploma or degree.

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## ImpactTN: Using and Analyzing ImpactTN Data

### Types of Data in ImpactTN

ImpactTN is a data visualization tool, or data dashboard that displays a summary of student data from a district's student information system and other state sources.

District & School Specific Information	Data from SIS Vendor	Student Performance on State Standardized Assessments
<ul style="list-style-type: none"> <li><input type="checkbox"/> Contact Information</li> <li><input type="checkbox"/> Administration</li> <li><input type="checkbox"/> District Characteristics</li> <li><input type="checkbox"/> Student Demographics</li> <li><input type="checkbox"/> Other Student Information</li> <li><input type="checkbox"/> Students by Programs and Levels</li> <li><input type="checkbox"/> School List</li> <li><input type="checkbox"/> Goal Planning</li> <li><input type="checkbox"/> Staff List</li> <li><input type="checkbox"/> Teacher List</li> <li><input type="checkbox"/> Students by Grade</li> <li><input type="checkbox"/> Student Lists</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> School Demographic Information</li> <li><input type="checkbox"/> Individual Student Information</li> <li><input type="checkbox"/> Student Attendance</li> <li><input type="checkbox"/> Discipline</li> <li><input type="checkbox"/> Classroom Grades and Credits</li> <li><input type="checkbox"/> Grades below C</li> <li><input type="checkbox"/> Failing Class Grades (Secondary)</li> <li><input type="checkbox"/> Failing Class Grades (Primary)</li> <li><input type="checkbox"/> Course Information</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> TCAP Assessment Performance</li> <li><input type="checkbox"/> End-of-Course Performance</li> </ul>

District View	School View	Teacher View
District Overall Information School Teacher and Class Students	School Overall Information Teacher and Class Students	Class(es) Information on his/her students

# ImpactTN: Using and Analyzing ImpactTN Data

## Overviews

### 1. Overview of ImpactTN Metrics

- a. Hover over metrics with your mouse to get more detailed explanations/definitions. A legend appears at the bottom of each page as a reference to users. Each metric category contains a set number of detailed metrics.
- b. Performance on each metric within a category is represented by **green** and red bars — if a metric is positive, the vertical bar is green, if a metric is below a district defined goal, the vertical bar is red.
- c. Explain met goal or below goal.
- d. Trend arrows indicate changes in the metric value compared to the prior time period. The trend arrow may be getting better, getting worse, or have no change.
- e. The “**More**” button allows users to disaggregate metrics by different subgroups including: campus types, student groupings, and time periods.

### 2. Overview of Potential Uses of ImpactTN Data

- a. Monitor student performance and progress (attendance, behavior, grades, and state assessment results) at the classroom, school, and/or district levels.
- b. Identify at-risk and/or low-performing students and plan behavioral and instructional supports.
- c. Assist in data-based decision-making and continuous improvement.
- d. Plan and set goals.

Stress the dashboard is not intended to be an accountability tool and should not have any bearing on teacher evaluation activities or school/district accountability.

### 3. Overview of the Academic Dashboard

- a. The Overview section displays the performance summary and metric status for the following metric categories: Attendance and Discipline, State Assessments, and Grades and Credits.
- b. Attendance and Discipline
- c. State Assessments: Performance and progress on state standardized assessments
- d. Grades and Credits

## ImpactTN: Using and Analyzing ImpactTN Data

### ImpactTN Attendance Data

Attendance data in ImpactTN:

- ☐ **Average daily attendance:** The average number of enrolled students present at a school (campus) during the time it is in session. It is the total days of student attendance divided by the number of instructional days for the specified time period. ADA is calculated and displayed in ImpactTN by the current grading period, last four weeks, the year-to-date, and prior year. (This is at the School and District Level Only)
- ☐ **Daily attendance rate:** The percent of days a student is in attendance during the last four weeks, last eight weeks, and the entire year-to-date. At the School and District levels, it is the percentage of students in attendance for a specified percentage of time (e.g. 90% of the time or greater).
- ☐ **Days Absent:** The number of days absent at the student level. The percentages of students with 8 or more absences year to date at the School and District level. (Note the 8 or more absences were identified in Metric Definitions and Calculations)
- ☐ **Class period absence rate:** Percentage of classes missed at the student level. Percentages of students missing two or more class periods during the last four weeks, year to date, and prior year at the School and District level.
- ☐ **Tardy rate:** Percent of tardiness in a given period – last four weeks, last eight weeks, year to date and prior year. At the district and school level - Percent of days a student is tardy in district.

## ImpactTN Attendance Data

### Student Level

- a. Metric Value - This identifies by color (red or green) if the metric is meeting or not meeting the student goal. (Percentage of individual student meeting goal) Red meaning not meeting the goal. Green meaning the goal is being met.
- b. Trend - Identify with either an arrow going up, going down, or two arrows showing no change, maintaining. < >.
- c. Student Goal - Percentage set for student goal.
- d. Difference from Goal - Percentage difference from goal.
- e. Details - This is where you can click on the "More" button and view Attendance Rates by grading period.

### School Level

- a. Metric Value- This identifies by color (red or green) if the metric is meeting or not meeting the school goal. (Percentage of all students meeting school goal) At the teacher level it is the percentage of class meeting school goal. Red meaning not meeting the goal. Green meaning the goal is being met.
- b. Trend - Identify with either an arrow going up, going down, or two arrows showing no change, maintaining. < >. (At the School Level you will have a Student Attainment Column that will identify number of students meeting goal)
- c. School Goal - Percentage set for school goal.
- d. Difference from Goal - Percentage difference from goal.
- e. Details - This is where you can click on the "More" button and view Historical Data, By Grade level, and Student Lists.

### District Level

- a. Metric Value- This identifies by color (red or green) if the metric is meeting or not meeting the district goal. (Percentage of all students meeting goal) Red meaning not meeting the goal. Green meaning the goal is being met.
- b. Trend - Identify with either an arrow going up, going down, or two arrows showing no change, maintaining. < >. (At the District Level you will have a School Attainment Column that will identify number of schools meeting goal)
- c. District Goal - Percentage set for district goal.
- d. Difference from Goal - Percentage difference from goal.
- e. Details - This is where you can click on the "More" button and view Historical Data, By Grade level, and Student Lists.

## ImpactTN: Using and Analyzing ImpactTN Data

### ImpactTN Discipline Data

Types of Discipline Data:

The metrics for the data will differ at the student level, school level, and district level)  
The student level will list the discipline referrals and school of code incidents.

**All discipline referrals:** Percentages of students with 1+ reportable incidents and/or excessive (5+ school code of conduct incidents in a given grading period.

**Discipline referrals:** Number of discipline referrals a student has received during the current year by type in comparison to campus goal.

**School of Code Incidents:** Percentages of students with one more school code of conduct incidents within a given grading period, previous grading period, and year to day.

**State Reportable Offenses:** Specific offenses required to be report at the state level.



## ImpactTN: Using and Analyzing ImpactTN Data

### ImpactTN Grades and Credits Data

Types of Grades and Credits Data:

#### Course Grades: Secondary (9<sup>th</sup> – 12<sup>th</sup> grade)

1. Grades Below C Through End of Year
  - a. Percentage of students with 2 or more grades below C in the core subject areas.
2. Grades Below C (Prior Year)
3. Falling Class Grades
  - a. Percentage of students with core subject course grades dropping 10% or more from prior grading period)
4. Algebra I -9<sup>th</sup> Grade
  - a. Percentage of students who are taking or have taken course.
5. Algebra I – 8<sup>th</sup> Grade
  - a. Percentage of students who are passing or have passed by 8<sup>th</sup> grade.

#### Course Grades: Primary (K – 8<sup>th</sup> grade)

1. Failing Subject Area Grades (Percent of students with a failing grade in one or more grading periods.)
  - a. ELA/Reading
    - i. Prior Year ELA/Reading
      1. Writing
      2. Prior Year Writing
  - b. Mathematics
    - i. Prior Year Mathematics
  - c. Science
    - i. Prior Year Science
  - d. Social Studies
    - i. Prior Year Social Studies

#### Credits Data

Credit Accumulation

Percent of students meeting required number of credits for recommended graduation plan as of the end of the prior school year.

## ImpactTN Grades and Credits Data

### Grades and Credits Metrics

1. Metric Value – Provides quick over-all information if goal is being met.
2. Trend – Identifies whether trend is getting better, getting worse, or maintaining.
3. Student Goal/School Goal/District Goal – identifies goals for that particular area.
4. Difference from Goal – identifies the difference from actual data and goals.
5. Student Attainment – (School Level) identifies number of students meeting goal.
6. School Attainment – (District Level) identifies number of schools meeting goal.
7. Details – Click “More” to view additional information.
  - a. Student Level – view current courses and grades.
  - b. School Level – view historical data by grade level and student list.
  - c. District Level – view historical data by schools and school list.

## ImpactTN: Using and Analyzing ImpactTN Data

### State Assessments/State Standardized Assessment Data

#### Different types of state standardized assessment data.

TCAP Performance: Percent of students meeting standards (proficient/on track) with comparison to goals.

- Mathematics
- Reading/Language Arts
- Science
- Social Studies

End-of-Course (EOC) Exam Performance: Percentages of students who are identified as on track or mastered in the following subject areas:

- EOC – Algebra I, II, III
- EOC – English I, II, III
- EOC – Geometry
- EOC – Biology I
- EOC – World History

If a student has not taken the exam, the subject will not be displayed.

#### Different views of information from the student level, school level, and district level.

##### Student Level

1. Scale score
2. On Track Cut Score
3. Performance Level
4. Details – Click “More” to receive information on subject Report Categories (strands).

##### School Level

1. Metric Value at the school level is the percentage of students on track or mastered within the school goal.
2. TCAP Achievement Performance
3. TCAP End of Course Exam Performance

##### District Level

1. Metric Value at the district level is the percentage of students on track or mastered within district.
2. Details – Click “More” to receive information by individual schools.